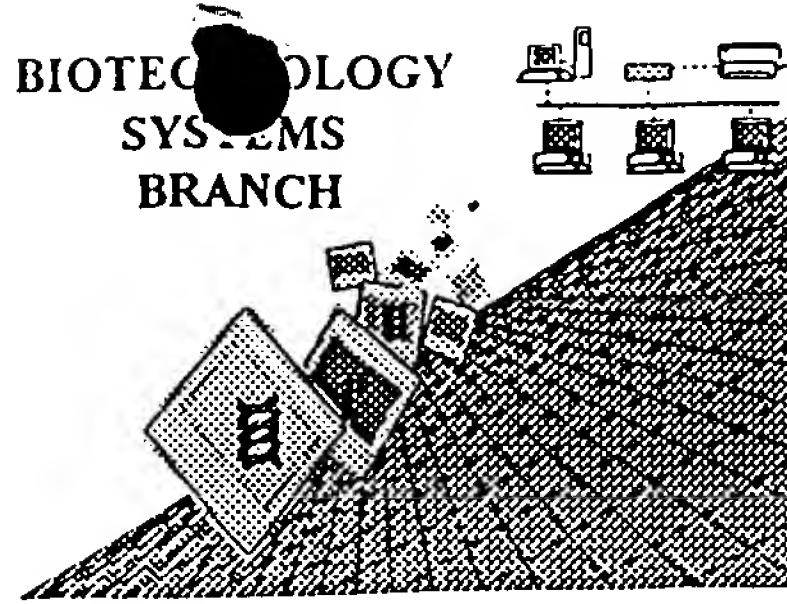


## RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/483,831

Source: 1600

Date Processed by STIC: 7/26/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/09/483,831**

DATE: 07/26/2001  
TIME: 08:17:26

Input Set : A:\20264149.app  
Output Set: N:\CRF3\07262001\I483831.raw

## **SEQUENCE LISTING**

- 9 (1) GENERAL INFORMATION:

11 (i) APPLICANT: UNITED STATES OF AMERICA; DEPT.  
12 OF HEALTH AND HUMAN SERVICES

14 (ii) TITLE OF INVENTION: MOTILITY STIMULATING  
15 PROTEIN USEFUL IN CANCER DIAGNOSIS AND  
16 THERAPY

18 (iii) NUMBER OF SEQUENCES: 69

20 (iv) CORRESPONDENCE ADDRESS:  
21 (A) ADDRESSEE: MORGAN & FINNEGAN  
22 (B) STREET: 345 PARK AVENUE  
23 (C) CITY: NEW YORK  
24 (D) STATE: NEW YORK  
25 (E) COUNTRY: U.S.A.  
26 (F) ZIP: 10154

28 (v) COMPUTER READABLE FORM:  
29 (A) MEDIUM TYPE: Floppy Disk  
30 (B) COMPUTER: IBM PC compatible  
31 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
32 (D) SOFTWARE: WordPerfect 5.1

34 (vi) CURRENT APPLICATION DATA:  
C--> 35 (A) APPLICATION NUMBER: US/09/483,831  
C--> 36 (B) FILING DATE: 17-Jan-2000  
37 (C) CLASSIFICATION:

C--> 47 (vii) PRIOR APPLICATION DATA:  
40 (A) APPLICATION NUMBER: 08/346,455  
41 (B) FILING DATE: 28-NOV-1994  
44 (A) APPLICATION NUMBER: 08/249,182  
45 (B) FILING DATE: 25-MAY-1994  
48 (A) APPLICATION NUMBER: 07/822,043  
49 (B) FILING DATE: 17-JAN-1992

51 (viii) ATTORNEY/AGENT INFORMATION:  
52 (A) NAME: DOROTHY R. AUTH  
58 (B) REGISTRATION NUMBER: 36,434

C--> 59 (C) REFERENCE/DOCKET NUMBER: 2026-4149US3

61 (ix) TELECOMMUNICATION INFORMATION:  
63 (B) TELEFAX: (212) 751-6849

**Does Not Comply  
Corrected Diskette Needed**

## ERRORED SEQUENCES

- 2295 (2) INFORMATION FOR SEQ ID NO: 67:  
2297 (i) SEQUENCE CHARACTERISTICS:  
2298 (A) LENGTH: 861  
2299 (B) TYPE: amino acid  
2300 (C) STRANDEDNESS: single  
2301 (D) TOPOLOGY: Unknown

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/483,831

DATE: 07/26/2001

TIME: 08:17:27

Input Set : A:\20264149.app

Output Set: N:\CRF3\07262001\I483831.raw

2303 (ii) MOLECULE TYPE: protein  
 2305 (iii) HYPOTHETICAL: No  
 2307 (ix) FEATURE:  
 2308 (A) NAME/KEY: N-tera 2D1 ATX protein  
 2309 (B) LOCATION:  
 2310 (C) IDENTIFICATION METHOD:  
 2311 (D) OTHER INFORMATION:  
 2314 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 67:  
 2316 Met Ala Arg Arg Ser Ser Phe Gln Ser Cys Gln Ile Ile Ser Leu Phe  
 2317 1 5 10 15  
 2318 Thr Phe Ala Val Gly Val Asn Ile Cys Leu Gly Phe Thr Ala His Arg  
 2319 20 25 30  
 2320 Ile Lys Arg Ala Glu Gly Trp Glu Glu Gly Pro Pro Thr Val Leu Ser  
 2321 35 40 45  
 2322 Asp Ser Pro Trp Thr Asn Ile Ser Gly Ser Cys Lys Gly Arg Cys Phe  
 2323 50 55 60  
 2324 Glu Leu Gln Glu Ala Gly Pro Pro Asp Cys Arg Cys Asp Asn Leu Cys  
 2325 65 70 75 80  
 2326 Lys Ser Tyr Thr Ser Cys Cys His Asp Phe Asp Glu Leu Cys Leu Lys  
 2327 85 90 95  
 2328 Thr Ala Arg Ala Trp Glu Cys Thr Lys Asp Arg Cys Gly Glu Val Arg  
 2329 100 105 110  
 2330 Asn Glu Glu Asn Ala Cys His Cys Ser Glu Asp Cys Leu Ala Arg Gly  
 2331 115 120 125  
 2332 Asp Cys Cys Thr Asn Tyr Gln Val Val Cys Lys Gly Glu Ser His Trp  
 2333 130 135 140  
 2334 Val Asp Asp Asp Cys Glu Glu Ile Lys Ala Ala Glu Cys Pro Ala Gly  
 2335 145 150 155 160  
 2336 Phe Val Arg Pro Pro Leu Ile Ile Phe Ser Val Asp Gly Phe Arg Ala  
 2337 165 170 175  
 2343 Ser Tyr Met Lys Lys Gly Ser Lys Val Met Pro Asn Ile Glu Lys Leu  
 2344 180 185 190  
 2345 Arg Ser Cys Gly Thr His Ser Pro His Met Arg Pro Val Tyr Pro Thr  
 2346 195 200 205  
 2347 Lys Thr Phe Pro Asn Leu Tyr Thr Leu Ala Thr Gly Leu Tyr Pro Glu  
 2348 210 215 220  
 2350 Ser His Gly Ile Val Gly Asn Ser Met Tyr Asp Pro Val Phe Asp Ala  
 2351 225 230 235 240  
 2352 Thr Phe His Leu Arg Gly Arg Glu Lys Phe Asn His Arg Trp Trp Gly  
 2353 245 250 255  
 2354 Gly Gln Pro Leu Trp Ile Thr Ala Thr Lys Gln Arg Gly Glu Ser Trp  
 2355 260 265 270  
 2356 Asn Ile Leu Leu Val Cys Cys His Pro Ser Arg Ala Glu Ile Leu Thr  
 2357 275 280 285  
 2358 Ile Leu Gln Trp Leu Thr Leu Pro Asp His Glu Arg Leu Arg Ser Met  
 2359 290 295 300  
 2361 Pro Ser Ile Leu Ser Asn Leu Ile Ser Leu Asp Thr Asn Met Pro Phe  
 2362 305 310 315 320  
 2363 Gly Pro Glu Met Thr Asn Pro Leu Arg Glu Ile Asp Lys Ile Val Gly

**RAW SEQUENCE LISTING**  
PATENT APPLICATION: US/09/483,831

DATE: 07/26/2001  
TIME: 08:17:27

Input Set : A:\20264149.app  
Output Set: N:\CRF3\07262001\I483831.raw

2364	325	330	335
2365 Gln Leu Met Asp Gly Leu Lys Gln Leu Lys Leu His Arg Cys Val Asn			
2366	340	345	350
2367 Val Ile Phe Val Gly Asp His Gly Met Glu Asp Val Thr Cys Asp Arg			
2368	355	360	365
2369 Thr Glu Phe Leu Ser Asn Tyr Leu Thr Asn Val Asp Asp Ile Thr Leu			
2370	370	375	380
2372 Val Pro Gly Thr Leu Gly Ile Arg Ser Lys Phe Ser Asn Asn Ala Lys			
2373	385	390	395
2374 Tyr Asp Pro Lys Ala Ile Ile Ala Asn Leu Thr Cys Lys Lys Pro Asp			
2375	405	410	415
2376 Gln His Phe Lys Pro Tyr Leu Lys Gln His Leu Pro Lys Arg Leu His			
2377	420	425	430
2378 Tyr Ala Asn Asn Arg Arg Ile Glu Asp Ile His Leu Leu Val Glu Arg			
2379	435	440	445
2380 Arg Trp His Val Ala Arg Lys Pro Leu Asp Val Tyr Lys Lys Pro Ser			
2381	450	455	460
2383 Gly Lys Cys Phe Phe Gln Gly Asp His Gly Phe Asp Asn Lys Val Asn			
2384	465	470	475
2385 Ser Met Gln Thr Val Phe Val Gly Tyr Gly Pro Thr Phe Lys Tyr Lys			
2386	485	490	495
2387 Thr Lys Val Pro Pro Phe Glu Asn Ile Glu Leu Tyr Asn Val Met Cys			
2388	500	505	510
2389 Asp Leu Leu Gly Leu Lys Pro Ala Pro Asn Asn Gly Thr His Gly Ser			
2390	515	520	525
2391 Leu Asn His Leu Leu Arg Thr Asn Thr Phe Arg Pro Thr Met Pro Glu			
2392	530	535	540
2399 Glu Val Thr Arg Pro Asn Tyr Pro Gly Ile Met Tyr Leu Gln Ser Asp			
E--> 2400	445	450	555
			560
2401 Phe Asp Leu Gly Cys Thr Cys Asp Asp Lys Val Glu Pro Lys Asn Lys			
2402	565	570	575
2403 Leu Asp Glu Leu Asn Lys Arg Leu His Thr Lys Gly Ser Thr Glu Glu			
2404	580	585	590
2405 Arg His Leu Leu Tyr Gly Arg Pro Ala Val Leu Tyr Arg Thr Arg Tyr			
2406	595	600	605
2407 Asp Val Leu Tyr His Thr Asp Phe Glu Ser Gly Tyr Ser Glu Ile Phe			
2408	610	615	620
2410 Leu Met Pro Leu Trp Thr Ser Tyr Thr Val Ser Lys Gln Ala Glu Val			
2411	625	630	635
2412 Ser Ser Val Pro Asp His Leu Thr Ser Cys Val Arg Pro Asp Val Arg			
2413	645	650	655
2414 Val Ser Pro Ser Phe Ser Gln Asn Cys Leu Ala Tyr Lys Asn Asp Lys			
2415	660	665	670
2416 Gln Met Ser Tyr Gly Phe Leu Phe Pro Pro Tyr Leu Ser Ser Ser Pro			
2417	675	680	685
2418 Glu Ala Lys Tyr Asp Ala Phe Leu Val Thr Asn Met Val Pro Met Tyr			
2419	690	695	700
2421 Pro Ala Phe Lys Arg Val Trp Asn Tyr Phe Gln Arg Val Leu Val Lys			
2422	705	710	715
			720

numbering  
of amino acid  
must be  
sequential,

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/483,831

DATE: 07/26/2001  
TIME: 08:17:27

Input Set : A:\20264149.app  
Output Set: N:\CRF3\07262001\I483831.raw

2423 Lys Tyr Ala Ser Glu Arg Asn Gly Val Asn Val Ile Ser Gly Pro Ile  
2424 725 730 735  
2425 Phe Asp Tyr Asp Tyr Asp Gly Leu His Asp Thr Glu Asp Lys Ile Lys  
2426 740 745 750  
2427 Gln Tyr Val Glu Gly Ser Ser Ile Pro Val Pro Thr His Tyr Tyr Ser  
2428 755 760 765  
2429 Ile Ile Thr Ser Cys Leu Asp Phe Thr Gln Pro Ala Asp Lys Cys Asp  
2430 770 775 780  
2432 Gly Pro Leu Ser Val Ser Ser Phe Ile Leu Arg His Arg Pro Asp Asn  
2433 785 790 795 800  
2434 Glu Glu Ser Cys Asn Ser Ser Glu Asp Glu Ser Lys Trp Val Glu Glu  
2435 805 810 815  
2436 Leu Met Lys Met His Thr Ala Arg Val Arg Asp Ile Glu His Leu Thr  
2437 820 825 830  
2438 Ser Leu Asp Phe Phe Arg Lys Thr Ser Arg Ser Tyr Pro Glu Ile Leu  
2439 835 840 845  
2440 Thr Leu Lys Thr Tyr Leu His Thr Tyr Glu Ser Glu Ile  
2441 850 855 860

2564 (2) INFORMATION FOR SEQ ID NO: 69:

2565 (i) SEQUENCE CHARACTERISTICS:

2566 (A) LENGTH: 915  
2567 (B) TYPE: amino acid  
2568 (C) STRANDEDNESS: single  
2569 (D) TOPOLOGY: Unknown

2571 (ii) MOLECULE TYPE: cDNA

2573 (iii) HYPOTHETICAL: No

2575 (ix) FEATURE:

2576 (A) NAME/KEY: A2058 ATX protein

2577 (B) LOCATION:

2578 (C) IDENTIFICATION METHOD:

2579 (D) OTHER INFORMATION:

2581 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 69:

2583 Met Ala Arg Arg Ser Ser Phe Gln Ser Cys Gln Ile

2584 1 5 10

2585 Ile Ser Leu Phe Thr Phe Ala Val Gly Val Ser Ile

2586 15 20

2587 Cys Leu Gly Phe Thr Ala His Arg Ile Lys Arg Ala

2588 25 30 35

2589 Glu Gly Trp Glu Glu Gly Pro Pro Thr Val Leu Ser

2590 40 45

2591 Asp Ser Pro Trp Thr Asn Ile Ser Gly Ser Cys Lys

2592 50 55 60

2593 Gly Arg Cys Phe Glu Leu Gln Glu Ala Gly Pro Pro

2594 65 70

2595 Asp Cys Arg Cys Asp Asn Leu Cys Lys Ser Tyr Thr

2596 75 80

2597 Ser Cys Cys His Asp Phe Asp Glu Leu Cys Leu Lys

2598 85 90 95

2599 Thr Ala Arg Gly Trp Glu Cys Thr Lys Asp Arg Cys

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/09/483,831**

DATE: 07/26/2001  
 TIME: 08:17:27

Input Set : A:\20264149.app  
 Output Set: N:\CRF3\07262001\I483831.raw

2600	100	105
2606	Gly Glu Val Arg Asn Glu Glu Asn Ala Cys His Cys	
2607	110	115
2608	Ser Glu Asp Cys Leu Ala Arg Gly Asp Cys Cys Thr	120
2609		125
2610	Asn Tyr Gln Val Val Cys Lys Gly Glu Ser His Trp	130
2611	135	140
2612	Val Asp Asp Asp Cys Glu Glu Ile Lys Ala Ala Glu	
2613	145	150
2614	Cys Pro Ala Gly Phe Val Arg Pro Pro Leu Ile Ile	155
2615		160
2616	165	
2617	Phe Ser Val Asp Gly Phe Arg Ala Ser Tyr Met Lys	
2618	170	175
2619	Lys Gly Ser Lys Val Met Pro Asn Ile Glu Lys Leu	180
	185	190
2620	Arg Ser Cys Gly Thr His Ser Pro Tyr Met Arg Pro	
2621	195	200
2622	Val Tyr Pro Thr Lys Thr Phe Pro Asn Leu Tyr Thr	
2623	205	210
2624	215	
2625	Leu Ala Thr Gly Leu Tyr Pro Glu Ser His Gly Ile	
2626	220	225
2627	Val Gly Asn Ser Met Tyr Asp Pro Val Phe Asp Ala	
2628	230	235
2629	240	
2630	Thr Phe His Leu Arg Gly Arg Glu Lys Phe Asn His	
2631	245	250
2632	260	
2633	Val Tyr Pro Trp Gly Gly Gln Pro Leu Trp Ile Thr Ala	
2634	255	260
2635	265	270
2636	275	
2637	Thr Lys Gln Gly Val Lys Ala Gly Thr Phe Phe Trp	
2638	280	285
2639	290	295
2640	295	300
2641	Pro Ser Val Tyr Ala Phe Tyr Ser Glu Gln Pro Asp	
2642	305	310
2643	310	
2644	315	320
2645	320	
2646	325	330
2647	330	335
2648	340	345
2649	345	
2650	Glu Arg Pro Val Ala Pro Pro Lys Lys Arg Arg Arg	
2651	350	355
2652	355	360
2653	360	
2654	Lys Ile His Arg Met Asp His Tyr Ala Ala Glu Thr	
2655	365	370
2656	370	
2657	Arg Gln Asp Lys Met Thr Asn Pro Leu Arg Glu Ile	
2658	375	380
2659	380	
2660	Asp Lys Ile Val Gly Gln Leu Met Asp Gly Leu Lys	
2661	385	390
2662	390	395

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/483,831

DATE: 07/26/2001  
TIME: 08:17:27

Input Set : A:\20264149.app  
Output Set: N:\CRF3\07262001\I483831.raw

2659 Gln Leu Lys Leu Arg Arg Cys Val Asn Val Ile Phe  
2660 400 405  
2661 Val Gly Asp His Gly Met Glu Asp Val Thr Cys Asp  
2662 410 415 420  
2663 Arg Thr Glu Phe Leu Ser Asn Tyr Leu Thr Asn Val  
2664 425 430  
2665 Asp Asp Ile Thr Leu Val Pro Gly Thr Leu Gly Arg  
2666 435 440  
2667 Ile Arg Ser Lys Phe Ser Asn Asn Ala Lys Tyr Asp  
2668 445 450 455  
2669 Pro Lys Ala Ile Ile Ala Asn Leu Thr Cys Lys Lys  
2670 460 465  
2671 Pro Asp Gln His Phe Lys Pro Tyr Leu Lys Gln His  
2672 470 475 480  
2673 Leu Pro Lys Arg Leu His Tyr Ala Asn Asn Arg Arg  
2674 485 490  
2675 Ile Glu Asp Ile His Leu Leu Val Glu Arg Arg Trp  
2676 495 500  
2677 His Val Ala Arg Lys Pro Leu Asp Val Tyr Lys Lys  
2678 505 510 515  
2679 Pro Ser Gly Lys Cys Phe Phe Gln Gly Asp His Gly  
2680 520 525  
2681 Phe Asp Asn Lys Val Asn Ser Met Gln Thr Val Phe  
2682 530 535 540  
2683 Val Gly Tyr Gly Pro Thr Phe Lys Tyr Lys Thr Lys  
2684 545 550  
2685 Val Pro Pro Phe Glu Asn Ile Glu Leu Tyr Asn Val  
2686 555 560  
2687 Met Cys Asp Leu Leu Gly Leu Lys Pro Ala Pro Asn  
2688 565 570 575  
2689 Asn Gly Thr His Gly Ser Leu Asn His Leu Leu Arg  
2690 580 585  
2691 Thr Asn Thr Phe Arg Pro Thr Met Pro Glu Glu Val  
2692 590 595 600  
2693 Thr Arg Pro Asn Tyr Pro Gly Ile Met Tyr Leu Gln  
2694 605 610  
2695 Ser Asp Phe Asp Leu Gly Cys Thr Cys Asp Asp Lys  
2696 615 620  
2697 Val Glu Pro Lys Asn Lys Leu Asp Glu Leu Asn Lys  
2698 625 630 635  
2699 Arg Leu His Thr Lys Gly Ser Thr Glu Glu Arg His  
2700 640 645  
2701 Leu Leu Tyr Gly Arg Pro Ala Val Leu Tyr Arg Thr  
2702 650 655 660  
2708 Arg Tyr Asp Ile Leu Tyr His Thr Asp Phe Glu Ser  
2709 665 670  
2710 Gly Tyr Ser Glu Ile Phe Leu Met Leu Leu Trp Thr  
2711 675 680  
2712 Ser Tyr Thr Val Ser Lys Gln Ala Glu Val Ser Ser

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/09/483,831**

DATE: 07/26/2001  
 TIME: 08:17:27

Input Set : A:\20264149.app  
 Output Set: N:\CRF3\07262001\I483831.raw

2713	685	690	695
2714	Val Pro Asp His Leu Thr Ser Cys Val Arg Pro Asp		
2715	700	705	
2716	Val Arg Val Ser Pro Ser Phe Ser Gln Asn Cys Leu		
2717	710	715	720
2718	Ala Tyr Lys Asn Asp Lys Gln Met Ser Tyr Gly Phe		
2719	725	730	
2720	Leu Phe Pro Pro Tyr Leu Ser Ser Ser Pro Glu Ala		
2721	735	740	
2722	Lys Tyr Asp Ala Phe Leu Val Thr Asn Met Val Pro		
2723	745	750	755
2724	Met Tyr Pro Ala Phe Lys Arg Val Trp Asn Tyr Phe		
2725	760	765	
2726	Gln Arg Val Leu Val Lys Lys Tyr Ala Ser Glu Arg		
2727	770	775	780
2728	Asn Gly Val Asn Val Ile Ser Gly Pro Ile Phe Asp		
2729	785	790	
2730	Tyr Asp Tyr Asp Gly Leu His Asp Thr Glu Asp Lys		
2731	795	800	
2732	Ile Lys Gln Tyr Val Glu Gly Ser Ser Ile Pro Val		
2733	805	810	815
2734	Pro Thr His Tyr Tyr Ser Ile Ile Thr Ser Cys Leu		
2735	820	825	
2736	Asp Phe Thr Gln Pro Ala Asp Lys Cys Asp Gly Pro		
2737	830	835	840
2738	Leu Ser Val Ser Ser Phe Ile Leu Pro His Arg Pro		
2739	845	850	
2740	Asp Asn Glu Glu Ser Cys Asn Ser Ser Glu Asp Glu		
2741	855	860	
2742	Ser Lys Trp Val Glu Glu Leu Met Lys Met His Thr		
2743	865	870	875
2744	Ala Arg Val Arg Asp Ile Glu His Leu Thr Ser Leu		
2745	880	885	
2746	Asp Phe Phe Arg Lys Thr Ser Arg Ser Tyr Pro Glu		
2747	890	895	900
2748	Ile Leu Thr Leu Lys Thr Tyr Leu His Thr Tyr		
2749	905	910	
2750	Glu Ser Glu Ile		
E--> 2751	916		

amino acid numbering must be placed under every 5<sup>th</sup> amino acid.  
 916 should be changed to 915 and placed under last amino acid (Ile).

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/483,831

DATE: 07/26/2001

TIME: 08:17:28

Input Set : A:\20264149.app

Output Set: N:\CRF3\07262001\I483831.raw

L:35 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:36 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:39 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]  
L:43 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]  
L:47 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]  
L:59 M:220 C: Keyword misspelled or invalid format, [(C) REFERENCE/DOCKET NUMBER:]  
L:526 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:1376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
L:1382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
L:1384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
L:1388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
L:1390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
L:1392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
L:1394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
L:1396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
L:1408 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=39  
L:1460 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=41  
L:1490 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=42  
L:1515 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=43  
L:1533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:1545 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=44  
L:1570 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=45  
L:1600 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=46  
L:1630 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=47  
L:1655 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=48  
L:1686 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=49  
L:1711 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=50  
L:1741 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=51  
L:1766 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=52  
L:1798 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=53  
L:1843 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=54  
L:2400 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:67  
L:2751 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:69